

**From:** [Hynum, Tammie](#)  
**To:** [Carlos Sanchez/R6/USEPA/US@EPA](#); [Donald Williams/R6/USEPA/US@EPA](#)  
**Subject:** FW: Request for Arkwood data  
**Date:** 03/22/2012 03:02 PM

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Fyi—response to Shawn where he was inquiring with ADEQ on the ozone treatment that has occurred at the Arkwood site.

Tammie

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**From:** Kilburn, Dianna  
**Sent:** Thursday, March 22, 2012 2:59 PM  
**To:** Shawn Ghose  
**Cc:** Hynum, Tammie; Rhodes, Clyde  
**Subject:** Request for Arkwood data

Dear Mr. Ghose:

This is in response to your questions earlier today about dates for ozone treatment at the Arkwood site. After combing the documents I have located the following information. The ROD states that the springs will be monitored for 2 years following the soil remediation. If the levels exceed the Arkansas Water Quality standards, then remediation will be conducted. On September 10, 1992, the Remedial Design Work Plan was submitted to EPA. It also included the need to sample the springs and to remediate if the levels exceed the Arkansas Water Quality Standard. The first treatment was in 1997. The off-site treatment house was built and water collected from the spring was treated and released. Between 1997 and 1999 improvements were made to the system adding more residence time with the ozonated water and a baffle system prior to discharge.

In December 2005 the first pilot injections of ozonated water on the site in wells near the sink hole were done.

Additional well points for injection were added on October 18, 2007.

The rest of the treatment data is documented in the five year reviews.

If you need copies of the source documents, please let me know. Some are large so a CD would probably work better.

Sincerely,  
Dianna Kilburn